

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/530,636 A  
Source: PCT  
Date Processed by STIC: 03/06/2006

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 03/06/2006

PATENT APPLICATION: US/10/530,636A

TIME: 15:54:44

Input Set : A:\Miniferon.ST25.txt

Output Set: N:\CRF4\03062006\J530636A.raw

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3 <110> APPLICANT: Zavyalov, Vladimir
5 <120> TITLE OF INVENTION: Peptides and recombinant proteins mimicking interferons
7 <130> FILE REFERENCE: Miniferon
9 <140> CURRENT APPLICATION NUMBER: US 10/530,636A
10 <141> CURRENT FILING DATE: 2005-04-06
12 <160> NUMBER OF SEQ ID NOS: 4
14 <170> SOFTWARE: PatentIn version 3.3
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 8
18 <212> TYPE: PRT
19 <213> ORGANISM: human interferon alfa2
21 <400> SEQUENCE: 1
23 Leu Lys Glu Lys Lys Tyr Ser Pro
24 1 5
27 <210> SEQ ID NO: 2
28 <211> LENGTH: 7
29 <212> TYPE: PRT
30 <213> ORGANISM: human interferon alfa2
32 <400> SEQUENCE: 2
34 Leu Lys Asp Arg His Asp Phe
35 1 5
38 <210> SEQ ID NO: 3
39 <211> LENGTH: 17
40 <212> TYPE: PRT
41 <213> ORGANISM: artificial
43 <220> FEATURE:
44 <223> OTHER INFORMATION: human interferon alfa2
47 <220> FEATURE:
48 <221> NAME/KEY: PEPTIDE
49 <222> LOCATION: (1)..(8)
50 <223> OTHER INFORMATION: peptide sequence from human interferon alfa2 (aa 130-137)
52 <220> FEATURE:
53 <221> NAME/KEY: PEPTIDE
54 <222> LOCATION: (9)..(10)
55 <223> OTHER INFORMATION: linker
57 <220> FEATURE:
58 <221> NAME/KEY: PEPTIDE
59 <222> LOCATION: (11)..(17)
60 <223> OTHER INFORMATION: peptide sequence from human interferon alfa2 (aa 30-36)
62 <400> SEQUENCE: 3
64 Leu Lys Glu Lys Lys Tyr Ser Pro Ser Ser Leu Lys Asp Arg His Asp
65 1 5 10 15
68 Phe

```

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```

72 <210> SEQ ID NO: 4
73 <211> LENGTH: 17
74 <212> TYPE: PRT
75 <213> ORGANISM: artificial
77 <220> FEATURE:
78 <223> OTHER INFORMATION: human interferon alfa2
81 <220> FEATURE:
82 <221> NAME/KEY: PEPTIDE
83 <222> LOCATION: (1)..(8)
84 <223> OTHER INFORMATION: peptide sequence from human interferon alfa2 (aa 130-137)
86 <220> FEATURE:
87 <221> NAME/KEY: PEPTIDE
88 <222> LOCATION: (9)..(10)
89 <223> OTHER INFORMATION: linker
90     Xaa is any short chain amino acid
92 <220> FEATURE:
93 <221> NAME/KEY: PEPTIDE
94 <222> LOCATION: (11)..(17)
95 <223> OTHER INFORMATION: peptide sequence from human interferon alfa2 (aa 30-36)
97 <400> SEQUENCE: 4
W--> 99 Leu Lys Glu Lys Lys Tyr Ser Pro Xaa Xaa Leu Lys Asp Arg His Asp
      100 1           5           10           15
      103 Phe

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/530,636A

DATE: 03/06/2006  
TIME: 15:54:45

Input Set : A:\Miniferon.ST25.txt  
Output Set: N:\CRF4\03062006\J530636A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 9,10

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

**VERIFICATION SUMMARY**

DATE: 03/06/2006

PATENT APPLICATION: US/10/530,636A

TIME: 15:54:45

Input Set : A:\Miniferon.ST25.txt

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L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0